



**COLORADO  
STATE  
UNIVERSITY**

**TRANSFER PATHWAY GUIDE**

**2.5-YEAR PLAN**

## SEMESTER 1

COURSE	CREDITS
MECH 200A Intro to Manufacturing Processes – Lecture	2
ECE 204 Intro to Electrical Engineering	3
MECH 337 Thermodynamics	4
AUCC3D Historical Perspectives	3
<b>Total Credits</b>	<b>12</b>

## SEMESTER 2

COURSE	CREDITS
MECH 342 Fluid Mechanics for MECH Engr	3
CIVE 360 Mechanics of Solids	3
MECH 331A Intro to Engineering Materials Lecture	3
MECH 331B Intro to Engineering Materials Lab	1
AUCC 3B Arts / Humanities	3
<b>Total Credits</b>	<b>13</b>

## SEMESTER 3

COURSE	CREDITS
MECH 307 Mechatronics and Measurement Systems	4
MECH 324 Dynamics of Machines	4
MECH 344 Heat and Mass Transfer	3
MECH 301A Engineering Design III: FEA	1
AUCC 3E Diversity and Global Awareness	3
<b>Total Credits</b>	<b>15</b>

## SEMESTER 4

COURSE	CREDITS
MECH 325 Machine Design	3
MECH 486A/MECH 498B Engineering Design Practicum: I / Engineering Research Practicum: I	4
MECH 338 Thermal / Fluid Sciences Lab	1
MECH 301B Engineering Design III: CFD	3
MECH / Alternate Technical Elective	3
<b>Total Credits</b>	<b>14</b>

## SEMESTER 5

COURSE	CREDITS
MECH 486B/498B Engineering Design Practicum: II / Engineering Research Practicum: II	4
MECH Technical Elective	3
MECH Technical Elective	3
MECH Technical Elective	3
<b>Total Credits</b>	<b>13</b>

